

Work Order ID 81561

March-15-12 11:17:05 AM

81561

U/R

12.03.15

Page 1

Item ID: D3118-3 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Sign Assembly
 Start Date: 15/03/2012 Start Qty: 8.00 *8* Cust Item ID:
 Required Date: 19/03/2012 Req'd Qty: 8.00 *8* Customer:
 Reference:

Approvals: Process Plan: MLC Date: 12/03/15 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3118	Rev CUA B 12.03.15								
100	PURCHASING	0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: 16454 Seal as per dwg D3118 Possible Supplier: Self powered lighting inc. Replaces: BHT P/N 212-072-637-107 Material release note required Sign should be self luminous to min. brightness of 160 microlamberts SUPPLIER P/N AC4-22 or AC/422 12.03.15								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.00							
Packaging	Ensure Material Release Note is attached								
120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control	Check dims to dwg and certification attached								

12-03-15
(8)

12/3/10 (2)

(28)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 81561***81561***

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March-15-12 11:17:05 AM

Item ID: D3118-3

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Sign Assembly

Start Date: 15/03/2012 Start Qty: 8.00

8

Cust Item ID:

Required Date: 19/03/2012 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: **527** 0.00***130***

Packaging

Memo

0.00

8x**SP**
12-04-12

Packaging

140

QC21- Final Inspection - Work Order Release 0.00

140

QC

Memo

0.00

12/4/12

Quality Control

12-04-12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March-15-12 11:17:09 AM

Page 1

Work Order ID: 81561

81561

Parent Item: D3118-3

D3118-3

Parent Item Name: Sign Assembly

Start Date: 15/03/2012

Required Date: 19/03/2012

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP A: 02.05.15 New Issue NG

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
212-072-637-107		Purchased	No			110	Each	0.0000	1	8			

~~*212-072-637-107*~~

Sign Assembly

**

AC/4ZZ

28

444/10 (8)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

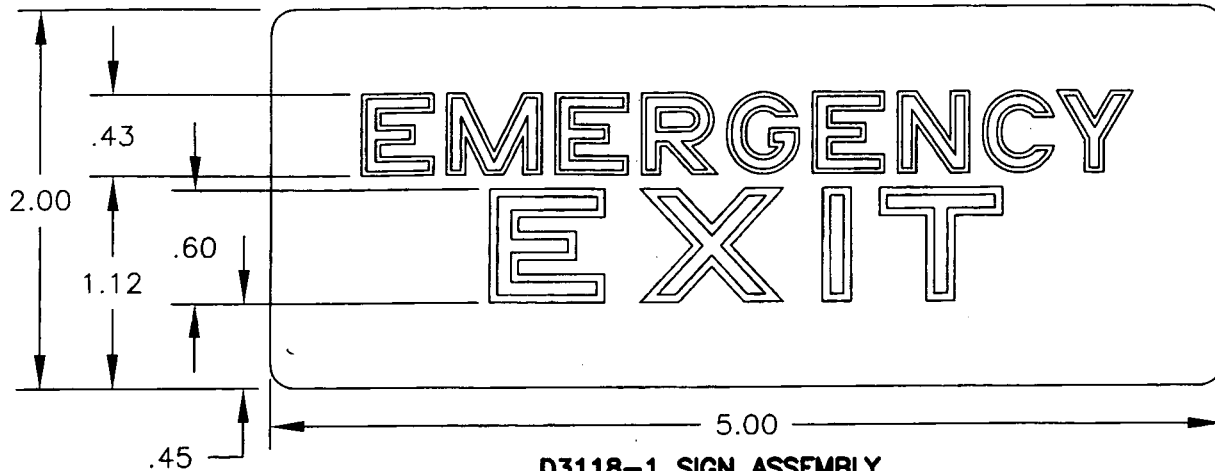


UNDER REVIEW

11.10.22
12.03.15
PAR 11-127

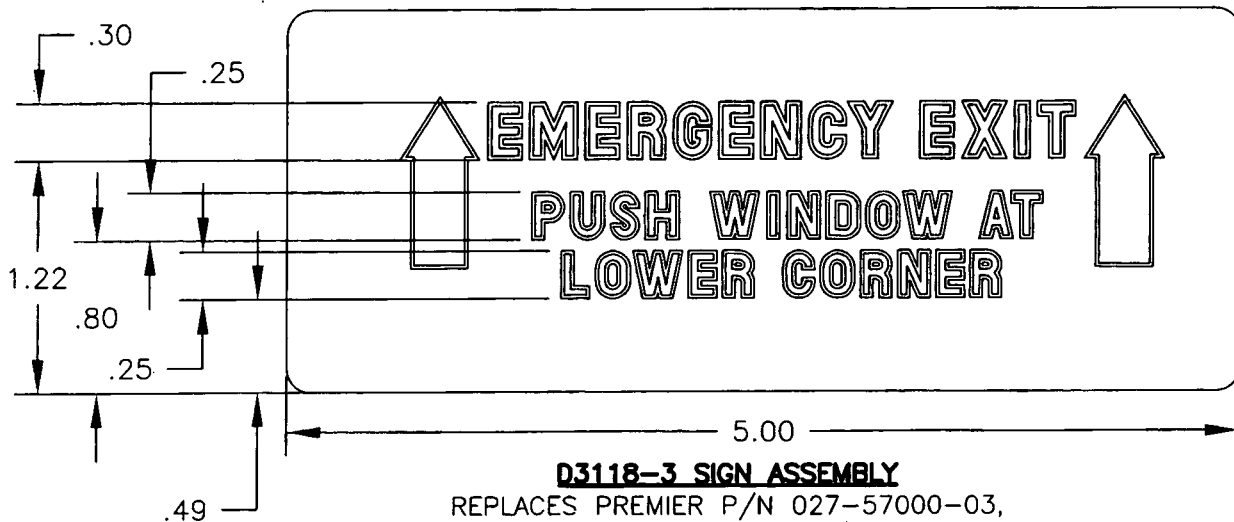
RELEASED
05.03.05

DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3118	REV. C SHEET 1 OF 2
DATE 05.02.22		TITLE SIGN ASSEMBLY	SCALE 1:1
A	02.04.15	NEW ISSUE	
B	04.05.05	ADD MINIMUM BRIGHTNESS = 160 MICROLAMBERTS	
C	05.02.22	ADD D3118-5	



D3118-1 SIGN ASSEMBLY

REPLACES PREMIER P/N 027-57000-01,
BHT P/N 46660-01008-00



D3118-3 SIGN ASSEMBLY

REPLACES PREMIER P/N 027-57000-03,
BHT P/N 212-072-637-107
Suppld P/N: AC4-22 CR AC/422

NOTES

- 1) SIGNS SHOULD BE A RED BACKGROUND CLEAR LETTERING WITH WHITE BORDER AROUND EACH LETTER
- 2) SIGN SHOULD BE SELF-LUMINUS TO MINIMUM BRIGHTNESS OF 160 MICROLAMBERTS
- 3) POSSIBLE SUPPLIER: SELF POWERED LIGHTING INC
8 WESTCHESTER PLAZA
ELMSFORD, NY 10523
PHONE: (914) 592-8230
FAX: (914) 592-8435
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 81561 MLC
12/03/15

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

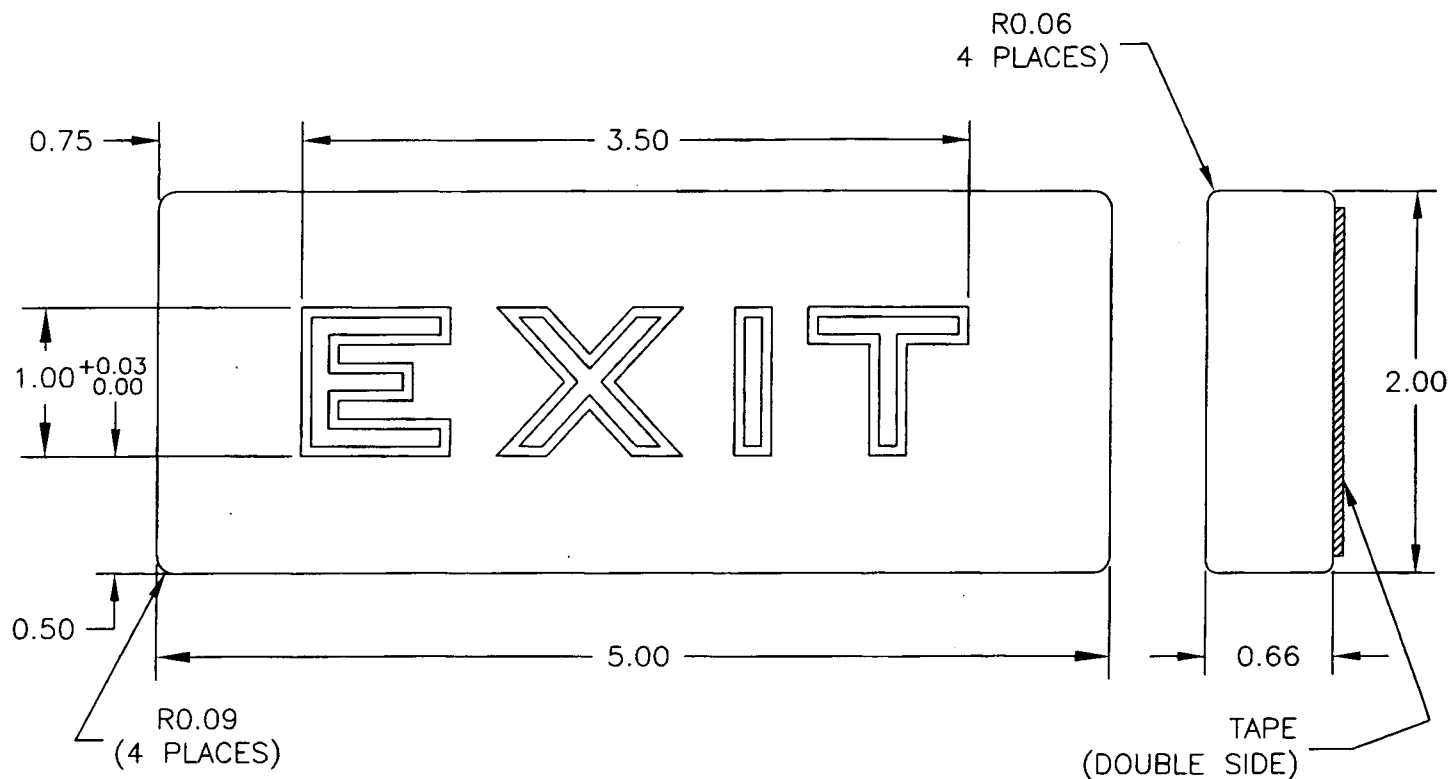
DART
UNDER REVIEW

11.10.24

PER PAR 11-127 (-5 NOT SELECTED)

DESIGN R	DRAWN BY R	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. D3118	REV. C SHEET 2 OF 2
DATE 05.02.22	TITLE SIGN ASSEMBLY		SCALE NTS

RELEASED
06.03.05



NOTES

- 1) SIGNS SHOULD BE A RED BACKGROUND CLEAR LETTERING WITH WHITE BORDER AROUND EACH LETTER
- 2) SIGN SHOULD BE SELF-LUMINUS TO MINIMUM BRIGHTNESS OF 160 MICROLAMBERTS
- 3) POSSIBLE SUPPLIER: T-LIGHT SIGN, P/N AC/4-A
SELF POWERED LIGHTING INC
8 WESTCHESTER PLAZA
ELMSFORD, NY 10523
PHONE: (914) 592-8230
FAX: (914) 592-8435
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES

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01501

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries.

aerospace
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

Purchase Order ID PO16454

Purchase Order Date 3/15/2012

PO Print Date 3/15/2012

Page Number 1 of 1

Order From : VU-SEL001

SELF POWERED LIGHTING, INC.
31 WATERLOO AVENUE, PO BOX 657
BERWYN, PA 19312
US

Contact Name		Buyer	Brigitte Golden
Vendor Phone	484 595 9130	Requisition Nbr	
Vendor Fax	484 595 9135	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	USD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
	AC/47Z	Sign Assembly	4/6/2012 No	8.00 Each	FedEx PI collect	\$161.0000	\$1,288.00

Special Inst: AS PER D3118-3 REV. UR
B81561
SELF POWER LIGHTING P/N: AC-4ZZ
SIGN SHOULD BE SELF LUMINUS TO
MIN.160 MICROLAMBERT

PO Total: \$1,288.00

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 2

Change Date: 3/15/2012



Self-Powered Lighting

Self-Powered Lighting, Inc.
31 Waterloo Avenue
P.O. Box 657
Berwyn, PA 19312

T: (484) 595-9130 F: (484) 595-9135

PACK SLIP

Primary P.O.: PO16454

SSI ID #: 0022747

Order Date: 3/19/2012

Ship Date: 4/6/2012

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKWSBURY, ON K6A 1K7
Canada

Confirm To:

Reference	Ship VIA	F. O. B.	Terms		
59764	FED EX GR COLLE	PLANT	Net 30 Days		
ITEM NO.	DESCRIPTION	TBq	ORDERED	SHIPPED	BACK ORD
AC/4-ZZ	AC/4-ZZ EM EXIT PSH WINDOW @ LWR CORNER 3.78ci SERIAL NUMBERS : A12-1945 - A12-1952	0.140	8.00	8	-
<input checked="" type="checkbox"/> Check box if serial number(s) are the same, else fill in range Beg # _____ End # _____					

Sizley

SHIELD SOURCE INCORPORATED

This package conforms to the conditions and
limitations specified in 49 CFR 173.424 for radioactive
material, excepted package - Instruments or Articles, UN2911.

TOTAL BOXES: 1 TOTAL WEIGHT: 44.65
END USER INFO:
DART AEROSPACE LTD, 1270 ABERDEEN STREET HAWESBURY, ON K6A
1K7 CANADA



31 WATERLOO AVE., PO BOX 657
BERWYN, PA 19312

CERTIFICATE OF CONFORMANCE

Customer : DART AEROSPACE LTD.	MFG : SHIELD SOURCE INC.
PO # : PO16454	SPL Order # : 59764
PNR : AC/4-ZZ	S/N : A12-1945-A12-1952
Customer PNR:	Qty. Shipped: 8

The undersigned certifies that all articles included in each shipment under the above Purchase Order are in accordance with the said Purchase Order and with all requirements, specifications and drawings pertinent to (including without limitations, all requirements, specifications and drawings as to process, finish and techniques) listed or referenced in said Order, and that materials used conform to the requirements of 14 CFR 25.853(a) (1) (iv), burn test criteria. All articles comply with FAA regulations and N.I.S.T. Standards in accordance with ISO 10012-1 and MIL-STD-45662A Paragraph 5.2.

- ☐ In addition, the above referenced Part Number complies with the FAA regulations 14 CFR 25.811 (b) (2) with a minimal brightness of 160 micro lamberts.
- ☒ In addition, the above referenced Part Number conforms to the Drawing.
- ☐ In addition, the above referenced Part Number complies with the FAA regulations 14 CFR 25.812 (b) (1) with a minimal brightness of 400 micro lamberts

Inspected By:

Alana Hillis
Q.C. Personnel



(Seal)

Date:

April 9, 2012